# QUANTA RESOURCES CORP

## NEW JERSEY

EPA ID# NJD000606442

**EPA REGION 2**
CONGRESSIONAL DIST. 32
Bergen County
Borough of Edgewater

## Site Description

The Quanta Resources Corporation site is located at 163 River Road in Edgewater, Bergen County, New Jersey. The site covers approximately 8 acres since the expansion of River Road took over a portion of the site. The site property is bordered to the north by the former Celotex Industrial Park, to the south by the former Spencer-Kellogg Industrial Park, to the west by River Road, and to the east by the Hudson River. From approximately 1930 to 1981 the site had been used as an oil and tar storage and waste oil reclamation facility. Beginning in the early 1930s, Allied Chemical Corporation Asphalt Division (now Honeywell) operated a tar processing plant at the site. In 1974, Allied Chemical sold the property to Mr. James Frola and Mr. Albert Von Dohln. In 1977, Mr. Frola and Mr. Von Dohln leased the property to E.R.P. Corporation for the storage and recycling of oil. Shortly thereafter, E.R.P. assigned its lease to Edgewater Terminals, Incorporated. Quanta Resources Corporation obtained usage of the property through the transfer of the lease from Edgewater Terminals. The site had 61 above-ground storage tanks (ASTs) with a total capacity of over 9 million gallons, along with an unknown number of underground storage tanks (USTs) and numerous underground pipes. These tanks were used to store oil, tar, asphalt, sludge, process water and other unknown liquids. On July 2, 1981, the New Jersey Department of Environmental Protection (NJDEP) forced the closing of the Quanta Resources facility when it was discovered that the storage tanks contained large quantities of oil with polychlorinated biphenyls (PCBs) concentrations as high as 260 parts per million (ppm). Approximately 8,000 people live in the borough of Edgewater. Groundwater near the site is not used as drinking water; municipal water is supplied by the Oradell reservoir.

**Site Responsibility:** This site is being addressed through Federal and responsible party actions.

**NPL LISTING HISTORY**
Proposed Date: 1/11/2001
Final Date: pending

## Threats and Contaminants

Groundwater underneath the site and adjacent properties is contaminated with arsenic, chromium, lead, PAHs, and volatile organic compounds (VOCs). Soils at the site are predominantly contaminated with arsenic, chromium, lead, and polynuclear aromatic hydrocarbons (PAHs). PCBs were detected at low levels in the soil in localized areas. Sediments near the site in the Hudson River contain arsenic, chromium, lead, PAHs, VOCs, and PAHs. A coal tar plume exists beneath the Quanta Resources site and in the Hudson River. It also extends under portions of adjacent properties, however, it is generally several feet below the ground surface in these areas, which are mostly paved.

While the immediate threats to human health have been addressed by the removal actions, hazardous substances still remain at the site. Trespassers are at risk from incidental ingestion of contaminated soils in the upland area and sediments in the mud flats. Recreation, such as swimming, boating, jet-skiing, etc., in the Hudson River near the site is not recommended. NJDEP has issued a fish consumption advisory for certain species caught in the Hudson River.

## Cleanup Approach

This site is being addressed in two phases: initial actions and a remedial phase focusing on the entire site.

### Response Action Status

**Initial Action:** In 1984, the state of New Jersey asked EPA to help address the PCBs and other hazardous liquid wastes on the now-abandoned facility through the Superfund program. Between 1984 and 1988, EPA directed and provided oversight of several cleanup actions performed by parties responsible for the contamination. Approximately 1.35 million gallons of PCB-contaminated oil was removed for off-site treatment. Over 1.5 million gallons of coal tar were removed from storage tanks and recycled. Over 60 aboveground storage tanks and 10 underground storage tanks, as well as numerous underground pipes, were removed. EPA has been involved in discussions with Honeywell, looking into actions to control the flow of coal tar product into the Hudson River. An interceptor trench to be installed in the upland area of the site and adjacent properties is being contemplated.

**Entire Site:** EPA plans to conduct an investigation to determine the nature and extent of the contamination at the site in the soils, groundwater, and sediments. These studies will supplement existing information relating to the nature and extent of contamination, assess the risks posed by the contamination, and evaluate cleanup methods to address the contamination at the site. The investigation is expected to begin in mid-2002.

## Cleanup Progress

The initial actions, along with site fencing to limit access, addressed the most immediate threats to human health and the environment posed by the site.

## Site Repository

Edgewater Free Public Library, 49 Hudson Avenue, Edgewater, New Jersey, 07020.